


# Production Manager (XP)

Simplifying, automating, and streamlining operations for Defense and MROs



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**EmpowerMX** Production Manager ensures all activities are tracked in real time and presented to all system users and helps guarantee aircraft check or maintenance event is completed on schedule.

**EmpowerMX** Production Manager is a powerful solution for maintenance personnel who are managing or working on maintenance events in a workshop environment. It helps simplify and automate the complicated planning, execution, and large data management tasks associated with heavy maintenance operations.

Production Manager ensures all activities are tracked in real time and presented to all system users and helps guarantee aircraft check or maintenance event is completed on schedule. It is included in the **EmpowerMX** MRO and Defense solutions—designed to ensure aircraft are fully airworthy and maintained in line with maintenance programs.



## Task Execution

To enable the execution phase to begin, it is necessary to perform the check workflow. This is completed through the **EmpowerMX** Predock Checklist which ensures that the check has milestones included and that all resources required are included such as material, tooling, and personnel. Finally, the check will be refined through data mining ensuring the most efficient check is created.

Once the check has been effectively flowed it is then possible to assign the electronic task cards to individuals, departments or supervisors. Each electronic task card is listed in the flow priority with the most urgent at the top of the list. Users view in real-time the material status, its availability and the related mechanics availability to accomplish the task.

All the data is presented to users in a graphical view, showing the milestones within the check, the current real-time status of the check, any items requiring action and whether the check is on schedule to be completed as planned.



## Non-routine Task Management

With mobile devices, non-routine tasks can be entered as they are discovered providing visibility to all users. With most mobile devices, it is possible to record an image of the defect or related information. This is saved alongside the record and viewable by all users. Any non-routine tasks raised are automatically linked to the generating task to enable accurate future forecasting.

The non-routine tasks can be quickly assessed and worked, if necessary, to ensure the overall planned timescales for the aircraft release can be met.



## Optimum Efficiency

Efficiencies are greatly improved through XP with flexibility in assigning labor and since all execution data is updated in real time, all XP users have the current status of the maintenance activity and can plan accordingly. This allows for “time lost” to be reduced and cycle times to be improved. Customers report improved efficiency gains to be between 15% and 30%.

This solution equips maintenance personnel with the dynamic tools needed to optimize routine and non-routine task performance and to track production status in real-time on the hangar floor. With XP-produced intelligence, decision makers can direct the right actions at the right time to ensure the aircraft check is completed on schedule.

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## Benefits for Defense and MROs

- Real time view of progress
- Greater focus on immediate requirements and critical factors
- Fully electronic and paperless
- Electronic work assignment
- Rapid return on investment with customers reporting a period of less than 6 months after implementation


### ABOUT EMPOWERMX

EmpowerMX is a world leader in providing intelligent maintenance solutions for today's aircraft. We are a global software company that creates innovative aviation maintenance solutions.

Our EmpowerMX software solution with its modules enables customers to significantly improve their entire maintenance operation.

Founded in 1999 and headquartered in Dallas, Texas, with offices in Europe and Far East, EmpowerMX is uniquely focused on the aircraft maintenance industry and is managed by aviation maintenance experts.

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